Title (en)

COMPOSITIONS, METHODS, SYSTEMS AND KITS FOR TARGET NUCLEIC ACID ENRICHMENT

Title (de)

ZUSAMMENSETZUNGEN, VERFAHREN, SYSTEME UND KITS ZUR ZIELNUKLEINSÄUREANREICHERUNG

Title (fr)

COMPOSITIONS, PROCÉDÉS, SYSTÈMES ET KITS POUR L'ENRICHISSEMENT D'ACIDES NUCLÉIQUES CIBLES

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Abstract (en)

[origin: WO2014062717A1] The present invention provides methods, compositions, kits, systems and apparatus that are useful for isolating one or more target nucleic acid molecules from a sample. In particular, the methods generally relate to normalizing the amount of target nucleic acid molecules from a sample. In one aspect, the invention relates to purifying a primer extension product from a primer extension reaction mixture using a primer having a first primer sequence and a second primer sequence that are complementary at a first melting temperature and are not complementary at a second melting temperature. In some aspects, target nucleic acid molecules obtained using the disclosed methods, kits, systems and apparatuses can be used in various downstream processes including nucleic acid sequencing and template library preparation.

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